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POLYMER COATINGS FOR CHEMICAL SENSORS

ABSTRACT OF THE DISCLOSURE

A sensor comprises a substrate and a polymeric film disposed on the substrate. The polymeric film comprises at least one hardblock component and at least one softblock component. The invention also sets forth a method for enhancing detection of a target compound by a sensor. The method comprises disposing a polymeric film on a surface of the sensor, in which the polymeric film enhances detection of target compounds not normally sensed by a sensor without the polymeric film. The polymeric film comprises at least one hardblock component and at least one softblock component.

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